



COMMONWEALTH of VIRGINIA

DEPARTMENT OF FORENSIC SCIENCE

OFFICE OF THE DIRECTOR
A Nationally Accredited Laboratory

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To: Deputy Secretary Victoria Cochran

CC: Francine Ecker, Director, DCJS

From: Linda Jackson, Director, DFS 

Date: May 30, 2014

RE: Instances of Fentanyl, Heroin and Prescription Opioids in Drug Cases Submitted in CY 2013

The data below was generated from the 35,664 drug cases that were received by the Department of Forensic Science in the calendar year 2013. This data is maintained in the Forensic Advantage Case and Evidence System within the Department of Forensic Science. It has been grouped by jurisdiction.

The "total containing all drugs" as listed in Chart 1 is substantially greater than the actual number of Forensic Science cases received so that instances of individual drugs could be counted. The following rules were used to be able to accurately attribute values to specific drugs:

- When multiple drug samples of the same type of drug were submitted as part of the same case, they were only counted a single time, as one case.
- When multiple samples of different drug types were submitted as part of the same case, they were counted as a single case for each included drug count.

For example, if a case contained two different items identified as heroin, it would be counted as 1 for heroin. If a case contained two different items, one identified as heroin and one identified as oxycodone (a prescription opioid), it would be counted as 1 for heroin and 1 for prescription opioids.

Chart 1: Fentanyl, Heroin and Prescription Opioids in Drug Cases Submitted in CY 2013 by Jurisdiction

| Jurisdiction | Fentanyl | Heroin | Prescription Opioids | Total Containing All Drugs | % of all cases that contain fentanyl, heroin or prescription opioids |
|--------------------------|----------|--------|----------------------|----------------------------|--|
| | | | 3 | 4 | 75% |
| Accomack County | | 2 | 1 | 89 | 3% |
| Albemarle County | | 1 | 15 | 157 | 10% |
| Alleghany County | | 5 | 12 | 80 | 21% |
| Amelia County | | 1 | 18 | 106 | 18% |
| Amherst County | | 3 | 60 | 251 | 25% |
| Appomattox County | 1 | 1 | 6 | 45 | 18% |
| Arlington County | 1 | 43 | 78 | 608 | 20% |
| Augusta County | | 4 | 13 | 193 | 9% |
| Bath County | | | 4 | 22 | 18% |
| Bedford County | | 11 | 104 | 368 | 31% |
| Bland County | | | 9 | 19 | 47% |
| Botetourt County | | 11 | 38 | 159 | 31% |
| Brunswick County | 2 | 3 | 27 | 88 | 36% |
| Buchanan County | | 1 | 138 | 273 | 51% |
| Buckingham County | | 2 | 15 | 148 | 11% |
| Campbell County | | 7 | 30 | 183 | 20% |
| Caroline County | | 6 | 19 | 172 | 15% |
| Carroll County | 1 | | 40 | 186 | 22% |
| Charles City County | | | 3 | 12 | 25% |
| Charlotte County | | 5 | 59 | 142 | 45% |
| Chesterfield County | 1 | 194 | 184 | 1653 | 23% |
| City of Alexandria | | 8 | 4 | 208 | 6% |
| City of Bedford | | | 1 | 3 | 33% |
| City of Bristol | | | 103 | 279 | 37% |
| City of Buena Vista | | 3 | 20 | 107 | 21% |
| City of Charlottesville | | 20 | 15 | 279 | 13% |
| City of Chesapeake | 6 | 140 | 93 | 960 | 25% |
| City of Clifton Forge | | | 3 | 10 | 30% |
| City of Colonial Heights | | 18 | 62 | 270 | 30% |
| City of Covington | | | | 3 | 0% |
| City of Danville | 1 | 1 | 46 | 342 | 14% |
| City of Emporia | | 3 | 4 | 70 | 10% |
| City of Fairfax | | 3 | 5 | 93 | 9% |
| City of Falls Church | | | 2 | 30 | 7% |
| City of Franklin | | 18 | 4 | 94 | 23% |

| Jurisdiction | Fentanyl | Heroin | Prescription Opioids | Total Containing All Drugs | % of all cases that contain fentanyl, heroin or prescription opioids |
|------------------------|----------|--------|----------------------|----------------------------|--|
| City of Fredericksburg | 3 | 30 | 41 | 214 | 35% |
| City of Galax | | | 1 | 10 | 10% |
| City of Hampton | | 71 | 49 | 705 | 17% |
| City of Harrisonburg | 2 | 2 | 15 | 117 | 16% |
| City of Hopewell | | 3 | 21 | 306 | 8% |
| City of Lexington | | | 5 | 35 | 14% |
| City of Lynchburg | | 45 | 85 | 658 | 20% |
| City of Manassas | | | | 4 | 0% |
| City of Martinsville | 1 | | 35 | 169 | 21% |
| City of Newport News | 2 | 72 | 96 | 965 | 18% |
| City of Norfolk | 13 | 160 | 57 | 943 | 24% |
| City of Petersburg | | 31 | 22 | 608 | 9% |
| City of Poquoson | | 3 | 7 | 59 | 17% |
| City of Portsmouth | 2 | 164 | 38 | 765 | 27% |
| City of Radford | 2 | 1 | 41 | 233 | 19% |
| City of Richmond | 3 | 547 | 239 | 3440 | 23% |
| City of Roanoke | 2 | 197 | 73 | 963 | 28% |
| City of Salem | 1 | 24 | 38 | 213 | 30% |
| City of Staunton | | | 13 | 173 | 8% |
| City of Suffolk | 4 | 64 | 47 | 465 | 25% |
| City of Virginia Beach | 12 | 128 | 114 | 1712 | 15% |
| City of Waynesboro | 1 | 2 | 24 | 243 | 11% |
| City of Williamsburg | | 5 | 7 | 83 | 14% |
| City of Winchester | 5 | 69 | 65 | 464 | 30% |
| Clarke County | | 8 | 9 | 47 | 36% |
| Craig County | | 2 | 3 | 25 | 20% |
| Culpeper County | 1 | 60 | 48 | 403 | 27% |
| Cumberland County | | 1 | 15 | 92 | 17% |
| Dickenson County | | 1 | 64 | 145 | 45% |
| Dinwiddie County | | 1 | 5 | 93 | 6% |
| Essex County | | | 7 | 101 | 7% |
| Fairfax County | 8 | 185 | 280 | 2716 | 17% |
| Fauquier County | | 94 | 101 | 558 | 35% |
| Floyd County | | 1 | 12 | 124 | 10% |
| Fluvanna County | 1 | | 5 | 34 | 18% |
| Franklin County | 1 | 22 | 147 | 505 | 34% |
| Frederick County | 1 | 82 | 116 | 523 | 38% |
| Giles County | | 8 | 104 | 190 | 59% |

| Jurisdiction | Fentanyl | Heroin | Prescription Opioids | Total Containing All Drugs | % of all cases that contain fentanyl, heroin or prescription opioids |
|-----------------------|----------|--------|----------------------|----------------------------|--|
| Goochland County | | 2 | 3 | 41 | 12% |
| Grayson County | | | 17 | 82 | 21% |
| Greene County | | 3 | 10 | 61 | 21% |
| Greensville County | | 3 | 2 | 37 | 14% |
| Halifax County | | | 62 | 344 | 18% |
| Hanover County | 2 | 78 | 94 | 574 | 30% |
| Henrico County | 4 | 226 | 143 | 1239 | 30% |
| Henry County | 2 | 3 | 35 | 186 | 22% |
| Isle of Wight County | | 11 | 22 | 211 | 16% |
| James City County | | 2 | 11 | 147 | 9% |
| King and Queen County | | | 3 | 27 | 11% |
| King George County | | 9 | 37 | 121 | 38% |
| King William County | | 2 | 1 | 24 | 13% |
| Lancaster County | | 4 | 6 | 45 | 22% |
| Lee County | | | 77 | 161 | 48% |
| Loudoun County | 2 | 44 | 99 | 760 | 19% |
| Louisa County | | 6 | 26 | 106 | 30% |
| Lunenburg County | | | 9 | 71 | 13% |
| Madison County | | 2 | 4 | 37 | 16% |
| Mathews County | | 9 | 9 | 53 | 34% |
| Mecklenburg County | 1 | 3 | 41 | 204 | 22% |
| Middlesex County | | | 2 | 31 | 6% |
| Montgomery County | | 29 | 120 | 785 | 19% |
| Nelson County | | | 3 | 82 | 4% |
| New Kent County | | 6 | 15 | 83 | 25% |
| Northampton County | | 1 | 3 | 40 | 10% |
| Northumberland County | | | 3 | 32 | 9% |
| Nottoway County | | 3 | 9 | 102 | 12% |
| Orange County | | 17 | 23 | 133 | 30% |
| Page County | | 5 | 74 | 264 | 30% |
| Patrick County | 2 | | 37 | 99 | 39% |
| Pittsylvania County | 1 | 1 | 28 | 167 | 18% |
| Powhatan County | | 5 | 23 | 112 | 25% |
| Prince Edward County | | | 34 | 219 | 16% |
| Prince George County | | 9 | 38 | 230 | 20% |
| Prince William County | 8 | 218 | 268 | 1765 | 28% |
| Pulaski County | 1 | 7 | 177 | 586 | 32% |
| Rappahannock County | | 1 | 10 | 42 | 26% |

| Jurisdiction | Fentanyl | Heroin | Prescription Opioids | Total Containing All Drugs | % of all cases that contain fentanyl, heroin or prescription opioids |
|---------------------|----------|--------|----------------------|----------------------------|--|
| Roanoke County | 2 | 105 | 88 | 551 | 35% |
| Rockbridge County | | 8 | 27 | 268 | 13% |
| Rockingham County | | 33 | 55 | 492 | 18% |
| Russell County | | | 112 | 290 | 39% |
| Scott County | | | 72 | 213 | 34% |
| Shenandoah County | | 49 | 88 | 358 | 38% |
| Smyth County | | | 67 | 266 | 25% |
| Southampton County | | 9 | 6 | 104 | 14% |
| Spotsylvania County | 2 | 100 | 151 | 667 | 38% |
| Stafford County | 1 | 78 | 153 | 635 | 37% |
| Surry County | | | 2 | 12 | 17% |
| Sussex County | | 3 | 6 | 46 | 20% |
| Tazewell County | 1 | 5 | 342 | 696 | 50% |
| Virginia | | | | 4 | 0% |
| Warren County | 4 | 145 | 111 | 472 | 55% |
| Washington County | | | 108 | 361 | 30% |
| Westmoreland County | | 4 | 22 | 87 | 30% |
| Wise County | 1 | 4 | 350 | 794 | 45% |
| Wythe County | 2 | 2 | 129 | 545 | 24% |
| York County | | 15 | 13 | 152 | 18% |
| Grand Total | 114 | 3877 | 6797 | 43263 | 25% |

The "Top 15" Jurisdictions are listed below for the following categories:

- Cases containing Heroin with the percentage of all cases from that jurisdiction
- Cases containing Prescription Opioids with the percentage of all cases from that jurisdiction sorted by the number of cases that contained Prescription Opioids
- Cases containing Prescription Opioids with the percentage of all cases from that jurisdiction sorted by the percentage

1. Top 15 Jurisdictions - Cases containing Heroin

| | Jurisdiction | All Drugs | Heroin* | % |
|----|------------------------|-----------|---------|-----|
| 1 | City of Richmond | 3440 | 547 | 16% |
| 2 | Henrico County | 1239 | 226 | 18% |
| 3 | Prince William County | 1765 | 218 | 12% |
| 4 | City of Roanoke | 963 | 197 | 20% |
| 5 | Chesterfield County | 1653 | 194 | 12% |
| 6 | Fairfax County | 2716 | 185 | 7% |
| 7 | City of Portsmouth | 765 | 164 | 21% |
| 8 | City of Norfolk | 943 | 160 | 17% |
| 9 | Warren County | 472 | 145 | 31% |
| 10 | City of Chesapeake | 960 | 140 | 15% |
| 11 | City of Virginia Beach | 1712 | 128 | 7% |
| 12 | Roanoke County | 551 | 105 | 19% |
| 13 | Spotsylvania County | 667 | 100 | 15% |
| 14 | Fauquier County | 558 | 94 | 17% |
| 15 | Frederick County | 523 | 82 | 16% |

***Sorted by Number of cases containing heroin**

2. Top 15 Jurisdictions – Cases containing Prescription Opioids

| | Jurisdiction | All Drugs | Prescription Opioids* | % |
|---|-----------------------|-----------|-----------------------|-----|
| 1 | Wise County | 794 | 350 | 44% |
| 2 | Tazewell County | 696 | 342 | 49% |
| 3 | Fairfax County | 2716 | 280 | 10% |
| 4 | Prince William County | 1765 | 268 | 15% |
| 5 | City of Richmond | 3440 | 239 | 7% |
| 6 | Chesterfield County | 1653 | 184 | 11% |
| 7 | Pulaski County | 586 | 177 | 30% |
| 8 | Stafford County | 635 | 153 | 24% |
| 9 | Spotsylvania County | 667 | 151 | 23% |

| | | | | |
|----|-------------------|------|-----|-----|
| 10 | Franklin County | 505 | 147 | 29% |
| 11 | Henrico County | 1239 | 143 | 12% |
| 12 | Buchanan County | 273 | 138 | 51% |
| 13 | Wythe County | 545 | 129 | 24% |
| 14 | Montgomery County | 785 | 120 | 15% |
| 15 | Frederick County | 523 | 116 | 22% |

***Sorted by Number of cases containing prescription opioids**

3. Top 15 Jurisdictions – Cases containing Prescription Opioids

| | Jurisdiction | All Drugs | Prescription Opioids | %* |
|----|--------------------|-----------|-------------------------|-----|
| 1 | Giles County | 190 | 104 | 55% |
| 2 | Buchanan County | 273 | 138 | 51% |
| 3 | Tazewell County | 696 | 342 | 49% |
| 4 | Lee County | 161 | 77 | 48% |
| 5 | Bland County | 19 | 9 | 47% |
| 6 | Dickenson County | 145 | 64 | 44% |
| 7 | Wise County | 794 | 350 | 44% |
| 8 | Charlotte County | 142 | 59 | 42% |
| 9 | Russell County | 290 | 112 | 39% |
| 10 | Patrick County | 99 | 37 | 37% |
| 11 | City of Bristol | 279 | 103 | 37% |
| 12 | Scott County | 213 | 72 | 34% |
| 13 | City of Bedford | 3 | 1 | 33% |
| 14 | Brunswick County | 88 | 27 | 31% |
| 15 | King George County | 121 | 37 | 31% |

***Sorted as % of total cases that contained prescription opioids**